

unexpexted output

Posted by elsadek - 2008/06/06 01:44

I ran KINEROS for my watershed, but the maximum values of runoff and sediments are not in the outlet of the watershed. Is it something I should worry about? if yes so where is the problem.

and what about using the multipliers windows? is it gonna solve the problem and from where I can get these parameters?

that was too much, I am sorry

Regards

Ashraf

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Re:unexpexted output

Posted by isburns - 2008/06/29 06:28

Hi Ashraf,

Sorry it took me a while to respond. This probably isn't a problem, but it really depends on what outputs you're viewing. I'm guessing you're viewing Runoff (mm) and Sediment Yield (kg/ha), but if it's Runoff (m^3) then there's a problem.

For Runoff (mm), you're viewing a depth and not a volume, meaning the runoff you're seeing isn't cumulative-it's coming from the the two watershed elements on each side of the channel element. So at the outlet, you're actually just seeing the runoff generated at the 2 watershed elements right next to the outlet and not everything upstream.

For Sediment Yield (kg/ha), the same is true as indicated by the kg/ha units. If the output was in kg, it would be cumulative and increase as you move toward the outlet, but it's actually divided by the contributing area, so again the sediment is coming from the two watershed elements on each side of the channel element and the channel element itself.

Does that help?

Shea

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